

**What is claimed is:**

1           1.    A turntable structure to control function  
2           selection for a media player, comprising:

3               a base having a central post, wherein the central  
4               post has a protrusion and a positioning portion  
5               formed thereon;

6               a retaining ring disposed on the central post and  
7               having an engaging hole and a positioning  
8               groove, wherein the protrusion is engaged in  
9               the engaging hole, the positioning portion is  
10              engaged with the positioning groove, and a gap  
11              exists between the retaining ring and the  
12              central post to prevent deformation of the  
13              central post resulting from thermal expansion  
14              and contraction;

15              a bearing assembly encircling the retaining ring;

16              a rotating assembly assembled on the bearing  
17              assembly; and

18              a rotating shaft fit in the central post and  
19              connected to the rotating assembly.

1           2.    The turntable structure as claimed in claim 1,  
2           wherein the retaining ring is metal.

1           3.    The turntable structure as claimed in claim 1,  
2           wherein the central post is hollow.

1           4.    The turntable structure as claimed in claim 1,  
2           wherein the edge of the top end of the central post is  
3           sloped.

1           5.    The turntable structure as claimed in claim 1,  
2           wherein the portion between the central post and the base  
3           is a curved surface.

1           6.    The turntable structure as claimed in claim 1,  
2           wherein the bearing assembly is a ball bearing assembly.

1           7.    The turntable structure as claimed in claim 1,  
2           wherein the central post is formed integrally with the  
3           base.

1           8.    The turntable structure as claimed in claim 1,  
2           wherein the bottom of the rotating assembly further  
3           comprises a plurality of toothed portions enabling the  
4           media player to detect the rotary position thereof.

1           9.    A turntable structure, comprising:

2           a base having a central post;

3           a retaining ring disposed on the central post,  
4           wherein a gap exists between the retaining ring  
5           and the central post to prevent deformation of  
6           the central post resulting from thermal  
7           expansion and contraction;

8           a bearing assembly encircling the retaining ring;

9           and

10          a rotating assembly assembled on the bearing  
11          assembly.

1           10.   The turntable structure as claimed in claim 9,  
2           wherein the retaining ring further comprises an engaging  
3           hole and a positioning groove.

1           11. The turntable structure as claimed in claim 10,  
2           wherein the central post further comprises a protrusion  
3           and a positioning portion formed thereon, the protrusion  
4           engaged in the engaging hole, and the positioning portion  
5           engaged with the positioning groove.

1           12. The turntable structure as claimed in claim 9,  
2           wherein the retaining ring is metal.

1           13. The turntable structure as claimed in claim 9,  
2           wherein the central post is hollow.

1           14. The turntable structure as claimed in claim 9,  
2           wherein the edge of the top end of the central post is  
3           sloped.

1           15. The turntable structure as claimed in claim 9,  
2           wherein the portion between the central post and the base  
3           is a curved surface.

1           16. The turntable structure as claimed in claim 9,  
2           wherein the bearing assembly is a ball bearing assembly.

1           17. The turntable structure as claimed in claim 9,  
2           wherein the central post is formed integrally with the  
3           base.

1           18. The turntable structure as claimed in claim 9,  
2           wherein the bottom of the rotating assembly further  
3           comprises a plurality of toothed portions enabling the  
4           media player to detect the rotary position thereof.

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19. The turntable structure as claimed in claim 9, further comprising a rotating shaft fit in the central post and connected to the rotating assembly.